

PCTWORLD INTELLECTUAL PROPERTY ORGANIZATION
International Bureau

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁷ : C07K 14/00	A2	(11) International Publication Number: WO 00/09549 (43) International Publication Date: 24 February 2000 (24.02.00)
(21) International Application Number: PCT/US99/18507 (22) International Filing Date: 11 August 1999 (11.08.99) (30) Priority Data: 60/096,048 11 August 1998 (11.08.98) US (71) Applicant (for all designated States except US): GEORGETOWN UNIVERSITY MEDICAL CENTER [US/US]; Office of the Dean of Research and Graduate Education, Building D, suite 177, Washington, DC 20007 (US). (72) Inventors; and (75) Inventors/Applicants (for US only): PAPADOPOULOS, Vassilios [US/US]; 15417 Peach Leaf Drive, North Potomac, MD 20878 (US). LI, Hua [CN/US]; Apartment 102, 1319 Fort Myer Drive, Arlington, VA (US). (74) Agent: PRATT, Sana, A.; Pratt & Associates, Inc., 10821 Hillbrooke Lane, Potomac, MD 20854 (US).		(81) Designated States: AU, CA, JP, US, European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE). Published <i>Without international search report and to be republished upon receipt of that report.</i>
(54) Title: PERIPHERAL-TYPE BENZODIAZEPINE RECEPTOR ASSOCIATED PROTEINS, CLONING, EXPRESSION AND METHODS OF USE (57) Abstract The present invention relates to nucleic acids encoding PBR-associated proteins (PAPs) and methods for use in producing PAPs and methods of using PAPs. In this study we have identified proteins (PAPs) that interact with PBR protein by a yeast two-hybrid system. We used PBR as bait to screen a mouse testis cDNA library. Five clones were isolated based on their ability to interact with PBR. These proteins may be involved in the regulation of the function of PBR, serving as an endogenous ligand or allosteric modulator of the receptor.		

FOR THE PURPOSES OF INFORMATION ONLY

Codes used to identify States party to the PCT on the front pages of pamphlets publishing international applications under the PCT.

AL	Albania	ES	Spain	LS	Lesotho	SI	Slovenia
AM	Armenia	FI	Finland	LT	Lithuania	SK	Slovakia
AT	Austria	FR	France	LU	Luxembourg	SN	Senegal
AU	Australia	GA	Gabon	LV	Latvia	SZ	Swaziland
AZ	Azerbaijan	GB	United Kingdom	MC	Monaco	TD	Chad
BA	Bosnia and Herzegovina	GE	Georgia	MD	Republic of Moldova	TG	Togo
BB	Barbados	GH	Ghana	MG	Madagascar	TJ	Tajikistan
BE	Belgium	GN	Guinea	MK	The former Yugoslav Republic of Macedonia	TM	Turkmenistan
BF	Burkina Faso	GR	Greece	ML	Mali	TR	Turkey
BG	Bulgaria	HU	Hungary	MN	Mongolia	TT	Trinidad and Tobago
BJ	Benin	IE	Ireland	MR	Mauritania	UA	Ukraine
BR	Brazil	IL	Israel	MW	Malawi	UG	Uganda
BY	Belarus	IS	Iceland	MX	Mexico	US	United States of America
CA	Canada	IT	Italy	NE	Niger	UZ	Uzbekistan
CF	Central African Republic	JP	Japan	NL	Netherlands	VN	Viet Nam
CG	Congo	KE	Kenya	NO	Norway	YU	Yugoslavia
CH	Switzerland	KG	Kyrgyzstan	NZ	New Zealand	ZW	Zimbabwe
CI	Côte d'Ivoire	KP	Democratic People's Republic of Korea	PL	Poland		
CM	Cameroon	KR	Republic of Korea	PT	Portugal		
CN	China	KZ	Kazakhstan	RO	Romania		
CU	Cuba	LC	Saint Lucia	RU	Russian Federation		
CZ	Czech Republic	LI	Liechtenstein	SD	Sudan		
DE	Germany	LK	Sri Lanka	SE	Sweden		
DK	Denmark	LR	Liberia	SG	Singapore		
EE	Estonia						